泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

1.895-1.905 GHz/SMA Female

Model: TLBF-1G9-10M-E4

TLBF-1G9-10M-E4 is a coaxial band-pass filter with a passband frequency from 1.895 to 1.905 GHz and a rejection frequencies at f0±20 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1.895 to 1.905 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1.895		1.905	GHz
带宽 Band Width			10	MHz
通带插损 Passband Insertion Loss		1.8	2.0	dB
带内纹波 Pass Band Ripple			1.6	dB
驻波 VSWR			1.3	:1
带外抑制 Rejection@f0±20MHz	40			dB
耐受功率 Power Handling			15	W
阻抗 Impedance	50			Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
接口 Connectors	SMA Female	
尺寸 Size	22*27*85	mm

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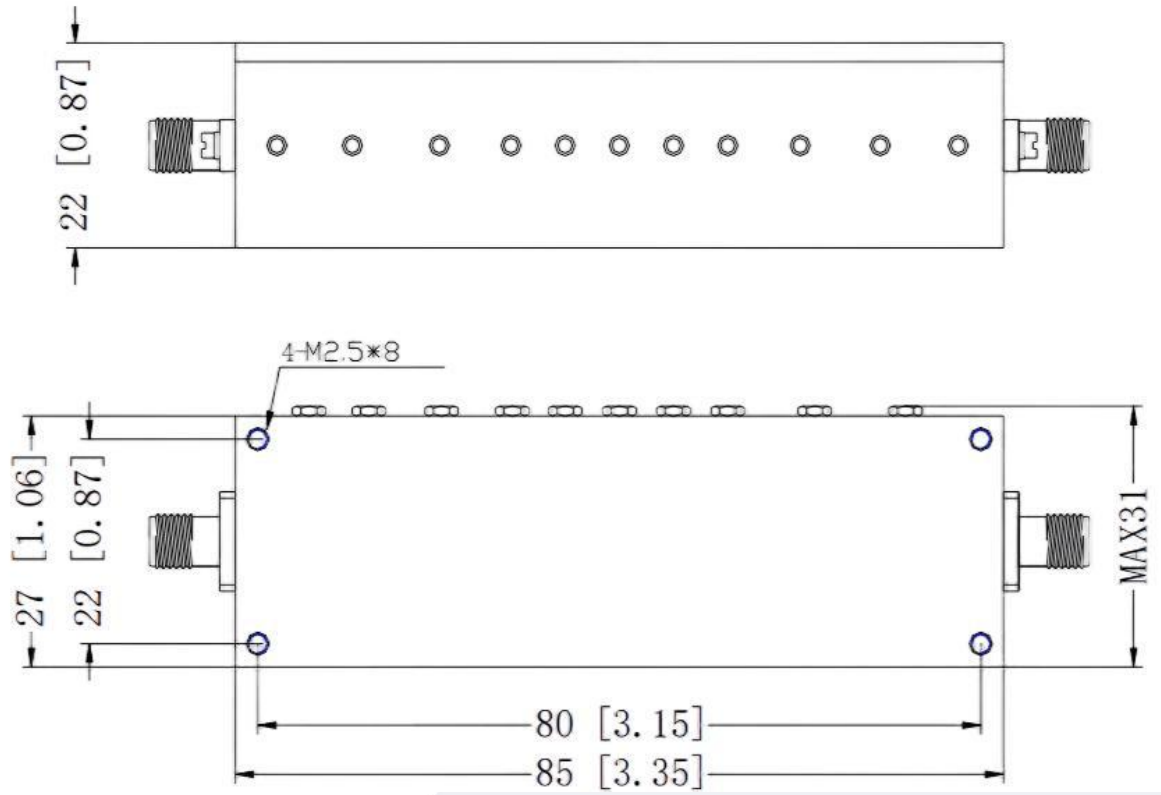
外形图 Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-1G9-10M-E4	Coaxial Band-pass Filter,Passband frequency range:1.895-1.905GHz,Passband Insertion Loss:2.0dB, SMA Female	Rev.1.0

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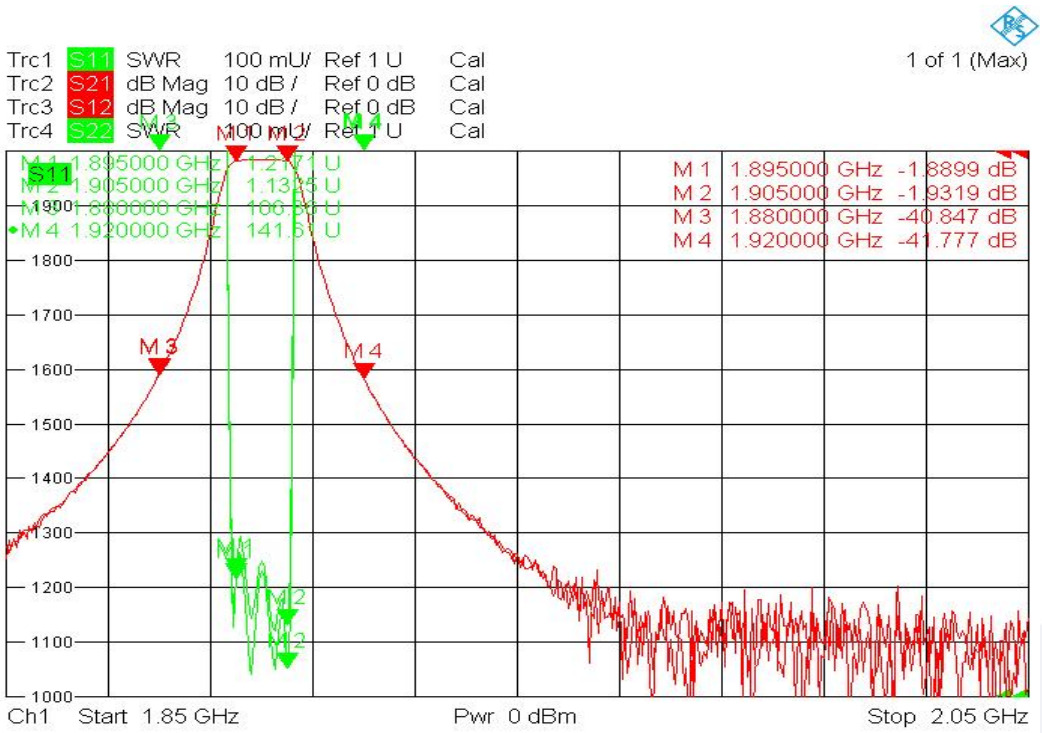
典型曲线 Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.